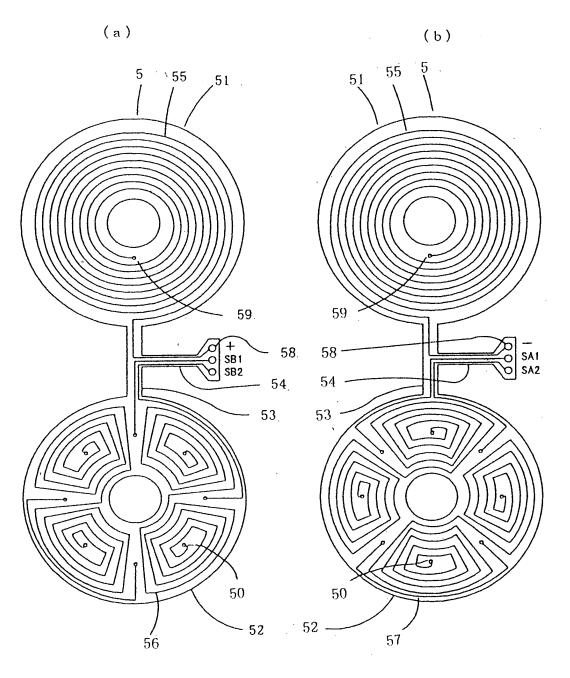
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HELL CLINE CHAPLE

- 1 Shaft
- 2 Stator
- 21 Back yoke
- 3 Stator
- 31 Back yoke
- 4 Rotor
- 41 Back yoke

- 5 Stator side sheet coil
- 51 Disk
- 52 Disk
- 6 Rotary sheet coil
- 61 Disk
- 62 Disk

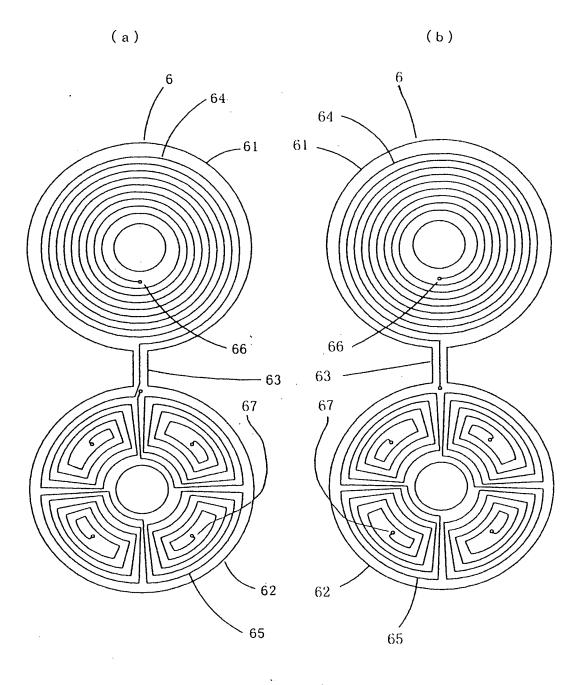


- 5 Stator side sheet coil50 Throughhole
- 51 Disk
- 52 Disk
- 53 Linear portion
- 54 Projection

- 55 Rotary transformer primary side pattern
- 56 Resolver detection phase pattern (α phase)
- 57 Resolver detection phase pattern (β phase)
- 58 Terminal
- 59 Throughhole

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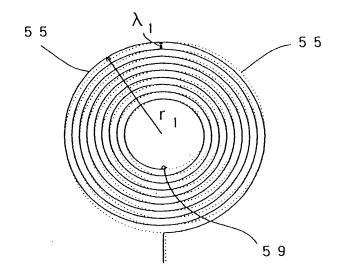
Fig. 3



- 6 Rotor side sheet coil
- 61 Disk
- 62 Disk
- 63 Linear portion
- 64 Rotary transformer secondary side pattern
- 65 Resolver excitation phase pattern
- 66 Throughhole
- 67 Throughhole

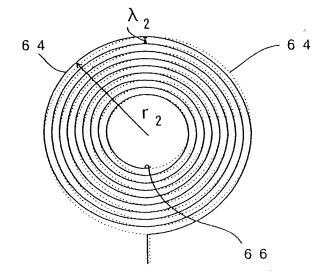
Fig.4

(a)



(b)

ITOEODED HTTE



(c)

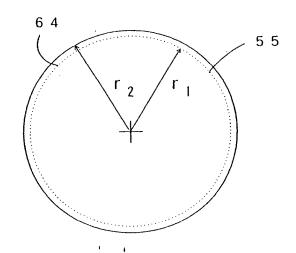
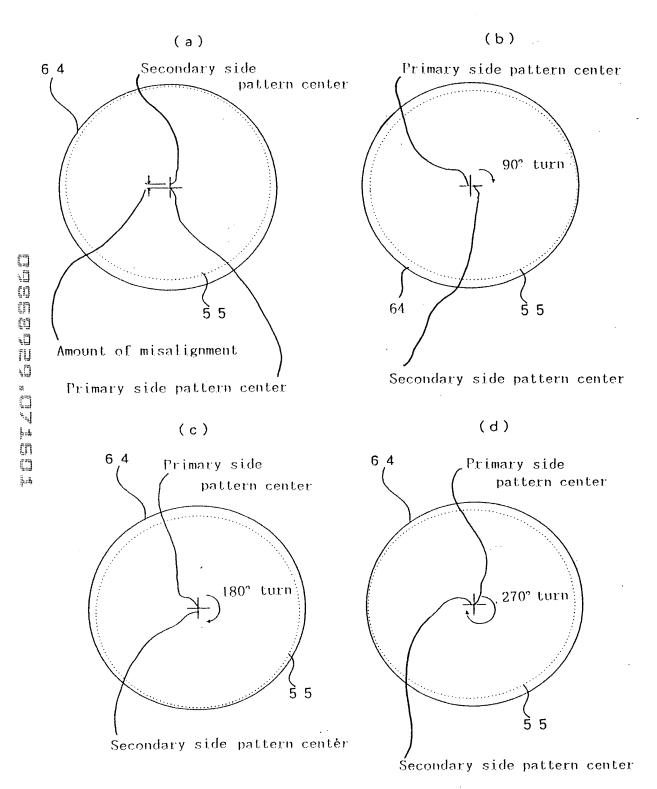
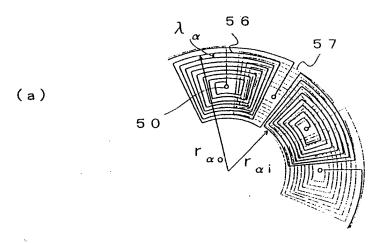


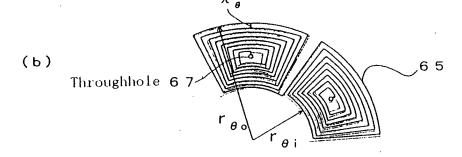
Fig.5



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Fig. 6





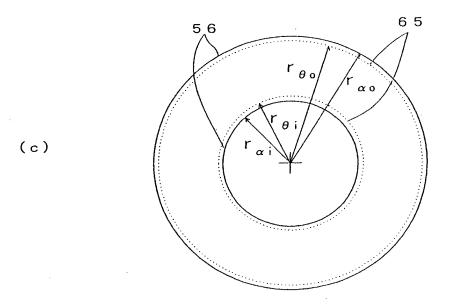
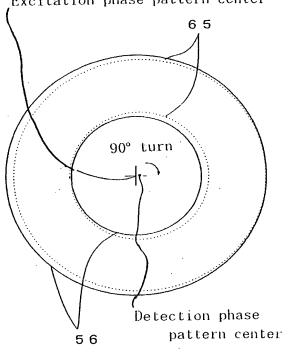


Fig. 7

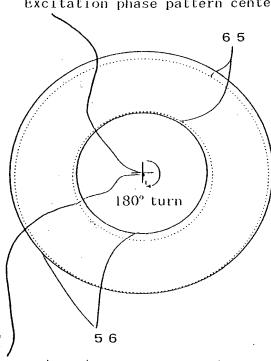
(a) Detection phase pattern center Amount δ of misalignment 6 5 Excitation phase 5 6 pattern center (c) Excitation phase pattern center

Excitation phase pattern center 6 5

(b)



(d)



Detection phase pattern center

Excitation phase pattern center 6 5 270°回転 5 6

Detection phase pattern center

